

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	14622	(scan\$4 or read\$3 or captur\$4 or detect\$4)same(edg\$4 or contour\$4 or boundary\$4)same(width\$3 or distanc\$5 or siz\$4)same(scal\$4 or enlarg\$6 or reduc\$4 or expand\$4 or shrink\$3)	US-PGPUB; USPAT	OR	ON	2006/03/15 08:37
L2	2634	L1 same(resolution\$3 or nois\$6 or distort\$4 or artifact\$4 or error\$3)	US-PGPUB; USPAT	OR	ON	2006/03/15 08:37
L3	1006	L2 same(adjust\$6 or correct\$5 or filter\$3 or enhanc\$6)	US-PGPUB; USPAT	OR	ON	2006/03/15 08:37
L4	18	L3 same(auto\$6 near10(scan\$4 or read\$3 or captur\$4 or detect\$4))	US-PGPUB; USPAT	OR	ON	2006/03/15 08:37
L5	18684	(scan\$4 or read\$3 or captur\$4 or detect\$4)same(edg\$4 or contour\$4 or boundary\$4)same(width\$3 or distanc\$5 or siz\$4)same(measur\$6 or calculat\$4 or measur\$6 or compos\$6)	US-PGPUB; USPAT	OR	ON	2006/03/15 09:02
L6	3168	L5 same(resolution\$3 or nois\$6 or distort\$4 or artifact\$4 or error\$3)	US-PGPUB; USPAT	OR	ON	2006/03/15 09:02
L7	81	L6 same(resolution\$3 near10(adjust\$6 or correct\$5 or filter\$3 or enhanc\$6))	US-PGPUB; USPAT	OR	ON	2006/03/15 09:03
L8	81	L6 same(resolution\$3 near10(adjust\$6 or correct\$5 or filter\$3 or enhanc\$6))	US-PGPUB; USPAT	OR	ON	2006/03/15 09:03
S1	18684	(scan\$4 or read\$3 or captur\$4 or detect\$4)same(edg\$4 or contour\$4 or boundary\$4)same(width\$3 or distanc\$5 or siz\$4)same(measur\$6 or calculat\$4 or measur\$6 or compos\$6)	US-PGPUB; USPAT	OR	ON	2006/03/14 17:32
S3	3168	S1 same(resolution\$3 or nois\$6 or distort\$4 or artifact\$4 or error\$3)	US-PGPUB; USPAT	OR	ON	2006/03/14 17:30
S4	1116	S3 same(adjust\$6 or correct\$5 or filter\$3 or enhanc\$6)	US-PGPUB; USPAT	OR	ON	2006/03/14 17:31
S5	317	S4 same(scal\$4 or enlarg\$6 or reduc\$4 or expand\$4 or shrink\$3)	US-PGPUB; USPAT	OR	ON	2006/03/14 17:26
S6	81	S3 same(resolution\$3 near10(adjust\$6 or correct\$5 or filter\$3 or enhanc\$6))	US-PGPUB; USPAT	OR	ON	2006/03/15 09:02

## EAST Search History

S7	14622	(scan\$4 or read\$3 or captur\$4 or detect\$4)same(edg\$4 or contour\$4 or boundary\$4)same(width\$3 or distanc\$5 or siz\$4)same(scal\$4 or enlarg\$6 or reduc\$4 or expand\$4 or shrink\$3)	US-PGPUB; USPAT	OR	ON	2006/03/14 17:30
S8	2634	S7 same(resolution\$3 or nois\$6 or distort\$4 or artifact\$4 or error\$3)	US-PGPUB; USPAT	OR	ON	2006/03/14 17:30
S9	1006	S8 same(adjust\$6 or correct\$5 or filter\$3 or enhanc\$6)	US-PGPUB; USPAT	OR	ON	2006/03/14 17:31
S10	98	S9 same(resolution\$3 near10(adjust\$6 or correct\$5 or filter\$3 or enhanc\$6))	US-PGPUB; USPAT	OR	ON	2006/03/14 17:31
S11	18	S9 same(auto\$6 near10(scan\$4 or read\$3 or captur\$4 or detect\$4))	US-PGPUB; USPAT	OR	ON	2006/03/15 08:37


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**Key:** IEEE JNL = IEEE Journal or Magazine, IEEE JNL = IEEE Journal or Magazine, IEEE CNF = IEEE Conference, IEEE CNF = IEEE Conference, IEEE STD = IEEE Standard

1. **Character detection based on multi-scale measurement**  
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3. **Virtual endoscopic visualization of the colon by shape-scale signatures**  
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4. **Multi-scale image analysis for detection of characteristic component figure shapes and sizes**  
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6. **Reduced-complexity sequence detection approaches for PR-shaped, coded linear modulations**  
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7. **Reduction of noise amplification in SPECT using smaller detector bin size**  
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8. **Corrections for the effects of accidental coincidences, Compton scatter, and object size in positron emission mammography (PEM) imaging**  
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9. **Scale-invariant shape features for recognition of object categories**  
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10. **Optimal flat-panel detector pixel size for visualization of stents in X-ray fluoroscopy**  
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de Vries, G.; Verbeek, P.W.;  
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12. **A positioning method for hard disk servowriter using an auto focus laser encoder**  
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15. **Scale-modelling the read process for a film head**  
Monson, J.; Olson, D.; Valstyn, E.;  
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24. **Design of a mobile robot system for automatic integrity evaluation of large size reservoirs and pipelines in industrial fields**  
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25. **A novel approach for texture shape recovery**  
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